



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE
OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION
FOR THE ADVANCEMENT OF SCIENCE.

FRIDAY, MARCH 5, 1909

CONTENTS

The American Association for the Advancement of Science:—

Adjusting the College to American Life:

DR. ABRAHAM FLEXNER 361

Danger arising from the Popularization of the College: PROFESSOR WILLIAM NORTH RICE

372

The Paleontological Society..... 376

Engineers of Wisconsin form State Society .. 376

The Darwin Centenary 377

The Carnegie Foundation for the Advancement of Teaching 378

Scientific Notes and News 379

University and Educational News 382

Discussion and Correspondence:—

Forest Preservation: DR. ALLERTON B. CUSHMAN.

Magnetic Rocks: DR. G. D. HARRIS.

New Phenomenon in Electric Discharge: PROFESSOR FRANCIS E. NIPHER.

The Dating of Publications: DR. MAX MORSE

383

Scientific Books:—

Deegener on Die Metamorphose der Insekten: PROFESSOR WILLIAM MORTON WHEELER.

C.-E. A. and A. R. Winslow on The Systematic Relationships of the Coccaceæ: PROFESSOR F. P. GORHAM.

Crane on Gold and Silver: DR. THEO. B. COMSTOCK.

Voss Ueber das Wesen der Mathematik: PROFESSOR G. A. MILLER

384

Scientific Journals and Articles 392

A New Variety of Asymmetry exhibited by the Nitrogen Atom: PROFESSOR J. BISHOP TINGLE

393

Russian Research in Metabolism: DR. FRANCIS G. BENEDICT

394

Special Articles:—

A Mendelian View of Sex Heredity: PROFESSOR W. E. CASTLE

395

ADJUSTING THE COLLEGE TO AMERICAN LIFE¹

FROM a constructive point of view, the existing college represents for the most part tendencies rather than design. It has in the main simply come to be what it now is. True, the gardeners have pruned a bit here and tied up a bit there. But the hedge has been trampled down, and things have been suffered to grow with less regard to the demands of the market than to the fertility of the soil. Provisionally, this style of farming has its advantages. It at least instructs us as to what will grow under given conditions. There comes a time, however, when indiscriminate abundance and variety must submit to a process of evaluation; when wasteful natural productivity is no longer best adapted to meet the demonstrated or calculable needs of a well-defined social organization; when, in a word, we must ask which part of the crop has value, and to what end. This necessity is, I take it, reflected in the question proposed for to-day's discussion.

Two things have happened in higher education during the last thirty years: in the richer and more progressive sections of the country the traditional one-curriculum college has been practically demolished; the graduate school has been evolved. The demolition of the old-fashioned college helped, of course, to make a clearing for the graduate school, and the concurrent growth of the graduate school

¹ An address given before the Section of Education at the Baltimore meeting of the American Association for the Advancement of Science.

MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.